

City of Norfolk, Virginia
Pump Station No. 46 Force Main Replacement
Bid Tabulation
Greeley and Hansen
August 22, 2012

NO.	ITEM	UNIT	QTY	ENGINEER'S ESTIMATE		PETERS & WHITE		W. R. HALL		J. SANDERS		TIDEWATER		KEVCOR		T. A. SHEETS		INNER-VIEW		SUBURBAN		S. J. LOUIS	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
1	Flowable Fill	CY	100	\$300.00	\$30,000.00	\$200.00	\$20,000.00	\$165.00	\$16,500.00	\$460.00	\$46,000.00	\$500.00	\$50,000.00	\$305.00	\$30,500.00	\$300.00	\$30,000.00	\$350.00	\$35,000.00	\$275.00	\$27,500.00	\$200.00	\$20,000.00
2	16" PVC Force Main	LF	5,870	\$160.00	\$939,200.00	\$135.00	\$792,450.00	\$137.00	\$804,190.00	\$155.00	\$909,850.00	\$150.00	\$880,500.00	\$155.00	\$909,850.00	\$244.00	\$1,432,280.00	\$182.00	\$1,068,340.00	\$190.00	\$1,115,300.00	\$305.00	\$1,790,350.00
3	8" PVC Force Main	LF	40	\$85.00	\$3,400.00	\$250.00	\$10,000.00	\$200.00	\$8,000.00	\$93.50	\$3,740.00	\$150.00	\$6,000.00	\$185.00	\$7,400.00	\$200.00	\$8,000.00	\$80.00	\$3,200.00	\$275.00	\$11,000.00	\$200.00	\$8,000.00
4	16" Resilient Seat Gate Valve	EA	4	\$11,100.00	\$44,400.00	\$9,000.00	\$36,000.00	\$7,600.00	\$30,400.00	\$8,300.00	\$33,200.00	\$8,280.00	\$33,120.00	\$10,200.00	\$40,800.00	\$8,000.00	\$32,000.00	\$13,000.00	\$52,000.00	\$10,500.00	\$42,000.00	\$12,000.00	\$48,000.00
5	8" Resilient Seat Gate Valve	EA	1	\$1,750.00	\$1,750.00	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00	\$1,665.00	\$1,665.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00	\$1,150.00	\$1,150.00	\$2,000.00	\$2,000.00
6	16" Ductile Iron Fittings	EA	103	\$1,750.00	\$180,250.00	\$1,250.00	\$128,750.00	\$850.00	\$87,550.00	\$1,085.00	\$111,755.00	\$1,000.00	\$103,000.00	\$1,750.00	\$180,250.00	\$1,200.00	\$123,600.00	\$3,000.00	\$309,000.00	\$1,000.00	\$103,000.00	\$1,600.00	\$164,800.00
7	8" Ductile Iron Fittings	EA	2	\$600.00	\$1,200.00	\$1,000.00	\$2,000.00	\$300.00	\$600.00	\$380.00	\$760.00	\$350.00	\$700.00	\$750.00	\$1,500.00	\$500.00	\$1,000.00	\$500.00	\$1,000.00	\$500.00	\$1,000.00	\$850.00	\$1,700.00
8	Air Vent Valves (Manual)	EA	2	\$1,700.00	\$3,400.00	\$2,000.00	\$4,000.00	\$1,800.00	\$3,600.00	\$1,000.00	\$2,000.00	\$2,000.00	\$4,000.00	\$6,800.00	\$13,600.00	\$2,000.00	\$4,000.00	\$1,500.00	\$3,000.00	\$1,750.00	\$3,500.00	\$1,500.00	\$3,000.00
9	Select Backfill	CY	5,810	\$35.00	\$203,350.00	\$35.00	\$203,350.00	\$35.00	\$203,350.00	\$35.00	\$203,350.00	\$35.00	\$203,350.00	\$35.00	\$203,350.00	\$35.00	\$203,350.00	\$35.00	\$203,350.00	\$35.00	\$203,350.00	\$35.00	\$203,350.00
10	Select Bedding, No. 57 Stone	TON	3,600	\$38.00	\$136,800.00	\$38.00	\$136,800.00	\$38.00	\$136,800.00	\$38.00	\$136,800.00	\$38.00	\$136,800.00	\$38.00	\$136,800.00	\$38.00	\$136,800.00	\$38.00	\$136,800.00	\$38.00	\$136,800.00	\$38.00	\$136,800.00
11	Test Pits (0 to 6 feet deep)	EA	10	\$700.00	\$7,000.00	\$500.00	\$5,000.00	\$800.00	\$8,000.00	\$1,200.00	\$12,000.00	\$600.00	\$6,000.00	\$1,300.00	\$13,000.00	\$300.00	\$3,000.00	\$250.00	\$2,500.00	\$1,100.00	\$11,000.00	\$400.00	\$4,000.00
12	Test Pits (> 6 feet deep)	EA	10	\$1,100.00	\$11,000.00	\$1,000.00	\$10,000.00	\$1,800.00	\$18,000.00	\$1,600.00	\$16,000.00	\$1,200.00	\$12,000.00	\$2,300.00	\$23,000.00	\$500.00	\$5,000.00	\$750.00	\$7,500.00	\$1,100.00	\$11,000.00	\$400.00	\$4,000.00
13	Flexible Pavement Demolition	SY-IN	56,950	\$2.25	\$128,137.50	\$1.00	\$56,950.00	\$1.75	\$99,662.50	\$0.65	\$37,017.50	\$0.64	\$36,448.00	\$1.62	\$92,259.00	\$1.00	\$56,950.00	\$0.01	\$569.50	\$2.00	\$113,900.00	\$1.60	\$91,120.00
13a	Rigid Pavement Demolition	SY-IN	48,660	\$3.50	\$170,310.00	\$1.25	\$60,825.00	\$2.25	\$109,485.00	\$0.75	\$36,495.00	\$1.00	\$48,660.00	\$2.70	\$131,382.00	\$0.20	\$9,732.00	\$4.10	\$199,506.00	\$3.25	\$158,145.00	\$1.75	\$85,155.00
14	Undercut and Dispose	CY	840	\$50.00	\$42,000.00	\$1.00	\$840.00	\$10.00	\$8,400.00	\$35.00	\$29,400.00	\$18.00	\$15,120.00	\$42.00	\$35,280.00	\$40.00	\$33,600.00	\$35.00	\$29,400.00	\$30.00	\$25,200.00	\$13.00	\$10,920.00
15	Aggregate Base 21A	TON	3,030	\$60.00	\$181,800.00	\$35.00	\$106,050.00	\$38.00	\$115,140.00	\$31.00	\$93,930.00	\$40.00	\$121,200.00	\$42.50	\$128,775.00	\$45.00	\$136,350.00	\$45.00	\$136,350.00	\$37.00	\$112,110.00	\$25.00	\$75,750.00
16	Asphalt Base Course BM-25	TON	800	\$125.00	\$100,000.00	\$110.00	\$88,000.00	\$114.00	\$91,200.00	\$165.00	\$132,000.00	\$148.00	\$118,400.00	\$105.00	\$84,000.00	\$95.00	\$76,000.00	\$100.00	\$80,000.00	\$180.00	\$144,000.00	\$131.00	\$104,800.00
17	Asphalt Surface Course SM-9.5D	TON	1,540	\$110.00	\$169,400.00	\$140.00	\$215,600.00	\$105.00	\$161,700.00	\$107.00	\$164,780.00	\$138.00	\$212,520.00	\$97.00	\$149,380.00	\$95.00	\$146,300.00	\$105.00	\$161,700.00	\$120.00	\$184,800.00	\$133.00	\$204,820.00
18	Concrete Pavement, A-5	CY	70	\$350.00	\$24,500.00	\$350.00	\$24,500.00	\$363.00	\$25,410.00	\$350.00	\$24,500.00	\$725.00	\$50,750.00	\$320.00	\$22,400.00	\$250.00	\$17,500.00	\$400.00	\$28,000.00	\$450.00	\$31,500.00	\$650.00	\$45,500.00
19	Steel Reinforcing Replacement (Optional)	TON	5	\$2,200.00	\$11,000.00	\$200.00	\$1,000.00	\$1,200.00	\$6,000.00	\$2,000.00	\$10,000.00	\$1,250.00	\$6,250.00	\$2,000.00	\$10,000.00	\$1,500.00	\$7,500.00	\$500.00	\$2,500.00	\$3,150.00	\$15,750.00	\$2,500.00	\$12,500.00
20	30" Casing Installation	LF	275	\$2,000.00	\$550,000.00	\$600.00	\$165,000.00	\$535.00	\$147,125.00	\$500.00	\$137,500.00	\$740.00	\$203,500.00	\$475.00	\$130,625.00	\$450.00	\$123,750.00	\$570.00	\$156,750.00	\$950.00	\$261,250.00	\$675.00	\$185,625.00
21	16" DIP Carrier Pipe	LF	330	\$225.00	\$74,250.00	\$200.00	\$66,000.00	\$165.00	\$54,450.00	\$161.00	\$53,130.00	\$150.00	\$49,500.00	\$225.00	\$74,250.00	\$150.00	\$49,500.00	\$200.00	\$66,000.00	\$165.00	\$54,450.00	\$170.00	\$56,100.00
22	Temporary Suspension of Work	DAY	30	\$4,000.00	\$120,000.00	\$500.00	\$15,000.00	\$1,500.00	\$45,000.00	\$500.00	\$15,000.00	\$1.00	\$30.00	\$2,900.00	\$87,000.00	\$1,000.00	\$30,000.00	\$1.00	\$30.00	\$100.00	\$3,000.00	\$100.00	\$3,000.00
23	HRSD Manhole Replacement	LS	1	\$99,890.00	\$99,890.00	\$50,000.00	\$50,000.00	\$50,200.00	\$50,200.00	\$30,000.00	\$30,000.00	\$41,100.00	\$41,100.00	\$54,000.00	\$54,000.00	\$20,000.00	\$20,000.00	\$106,750.00	\$106,750.00	\$75,000.00	\$75,000.00	\$29,710.00	\$29,710.00
TOTAL				\$3,233,037.50		\$2,200,115.00		\$2,231,762.50		\$2,240,707.50		\$2,340,613.00		\$2,560,901.00		\$2,687,712.00		\$2,791,745.50		\$2,845,705.00		\$3,291,000.00	

